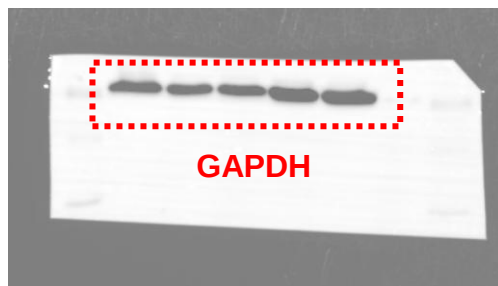
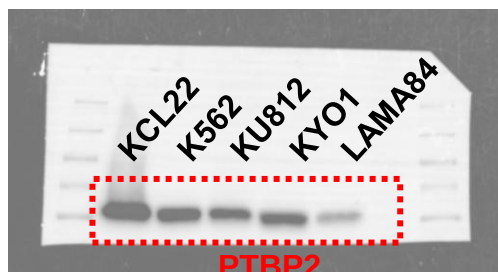
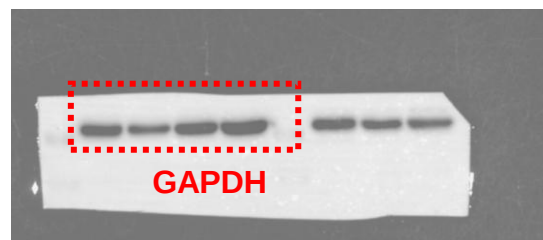
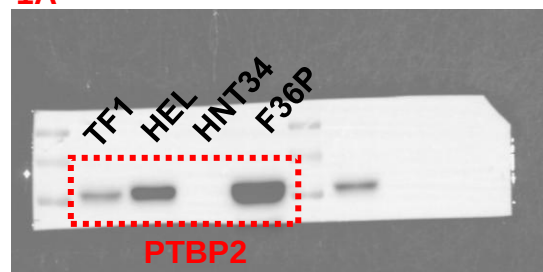


**Figure 1**

**1A**

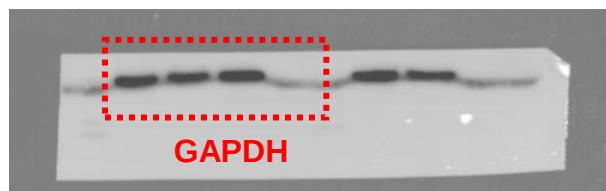
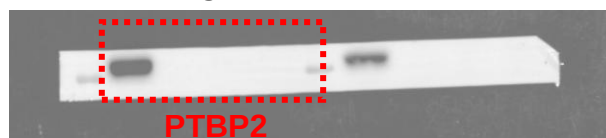


**1A**



**1B**

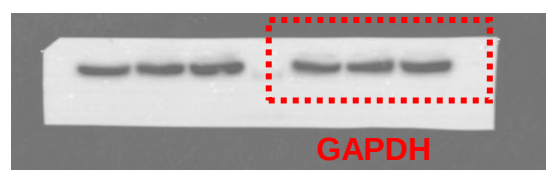
**KCL22**



Ptp2 sg RNA - + +

**1B**

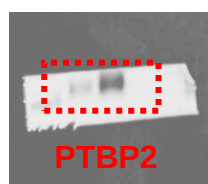
**KU812**



Ptp2 sg RNA - + +

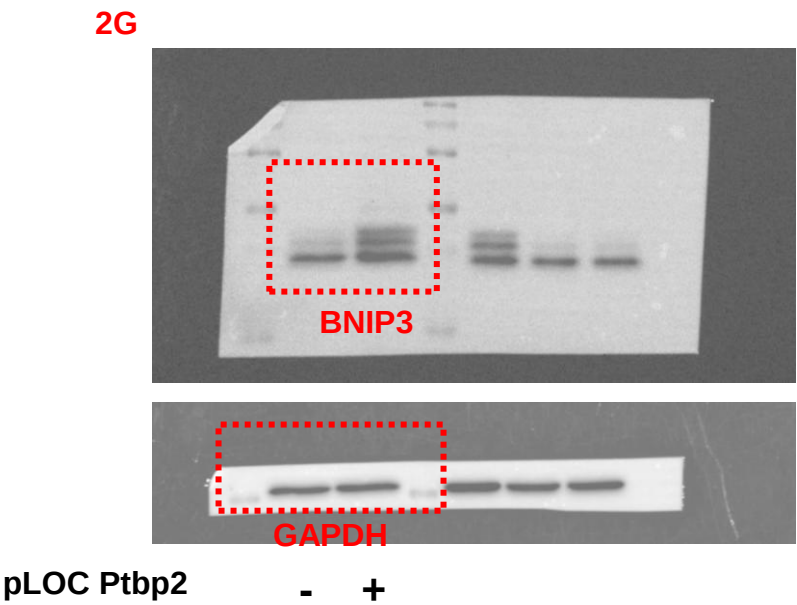
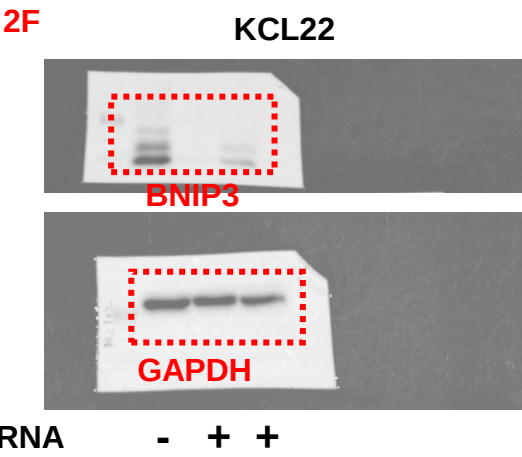
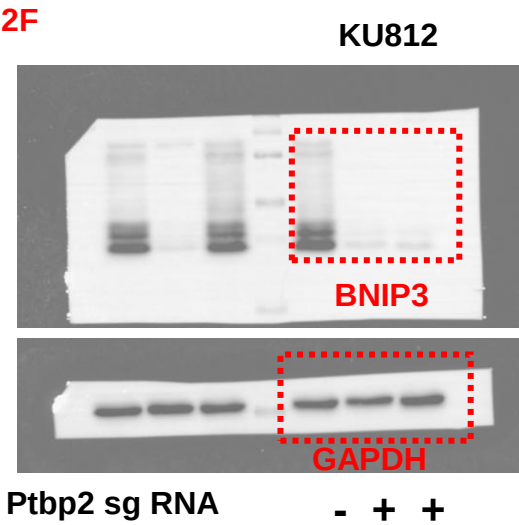
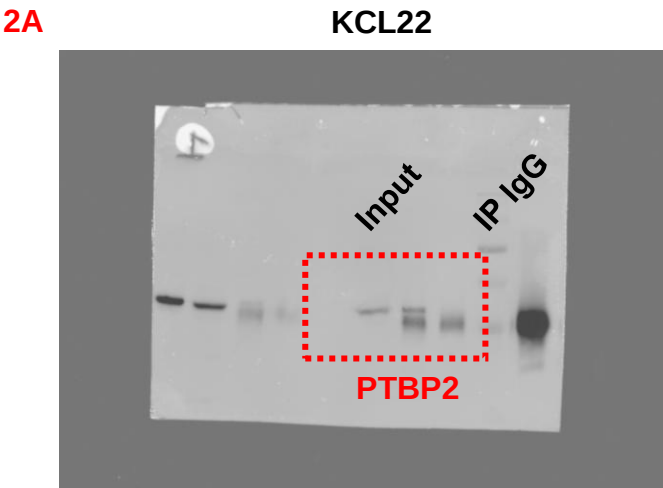
**1C**

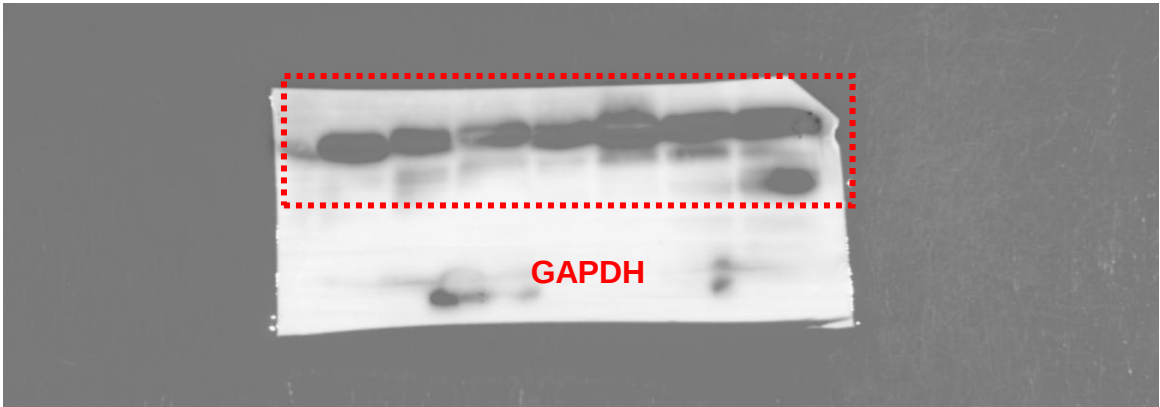
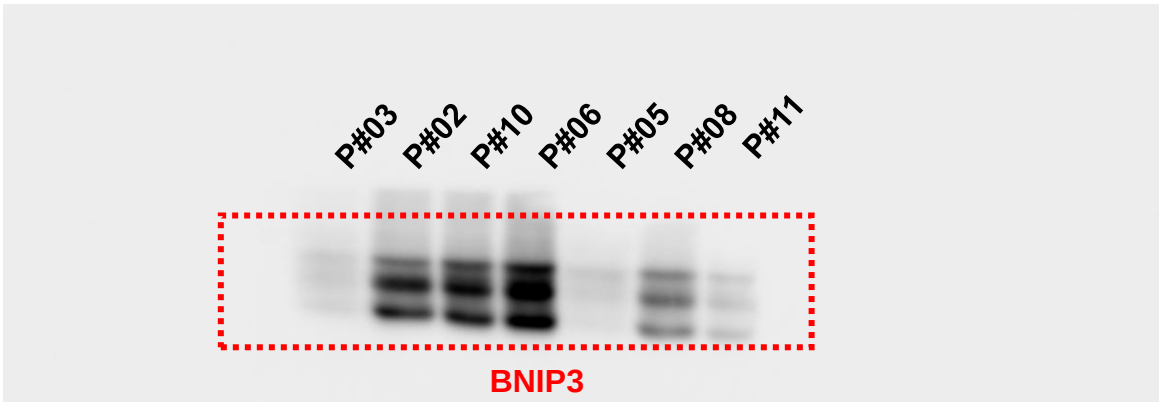
**LAMA84**



pLOC Ptp2 - +

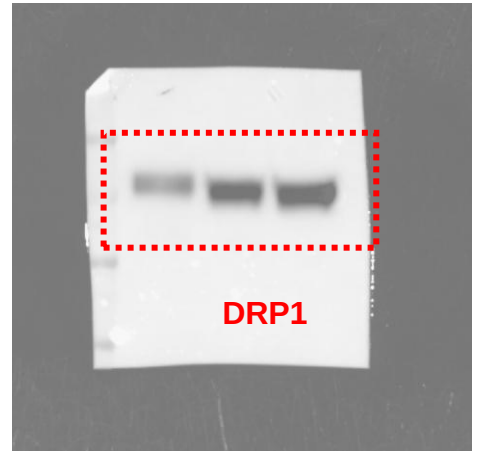
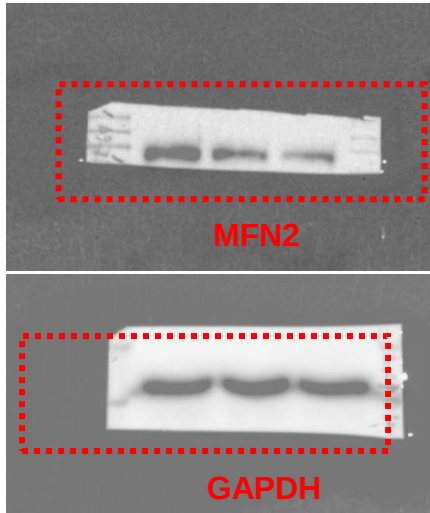
**Figure 2**



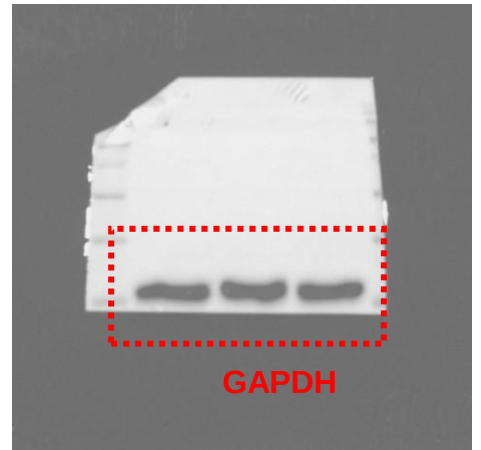


**Figure 4**  
**4B**

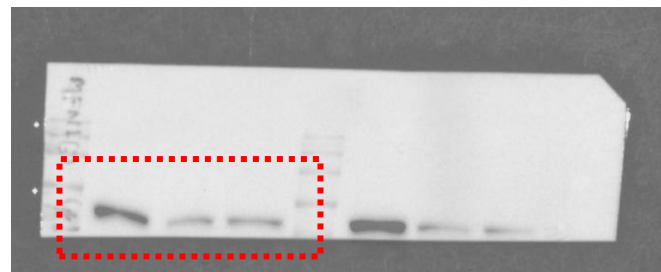
KCL22



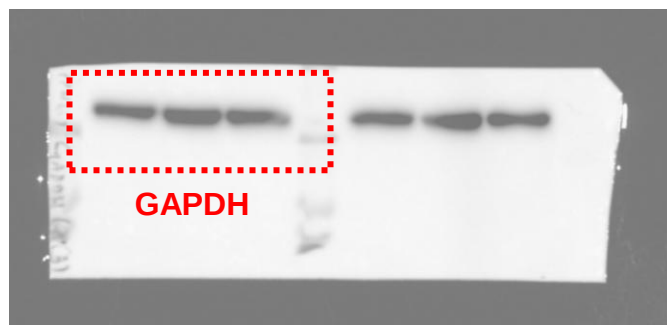
Ptp2 sg RNA      -    +    +



Ptp2 sg RNA      -    +    +



MFN1



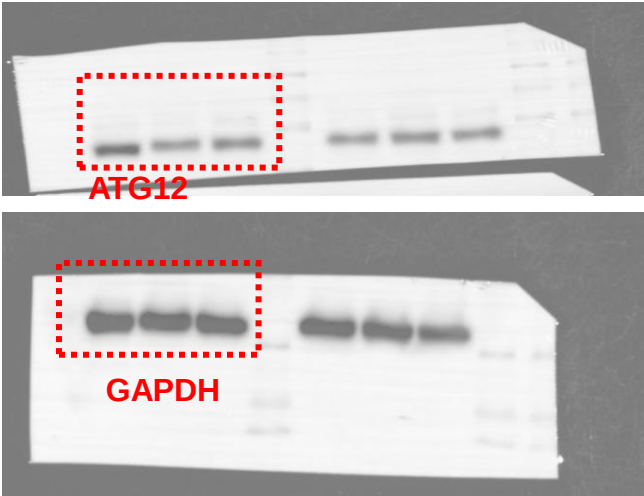
GAPDH

Ptp2 sg RNA    -    +    +

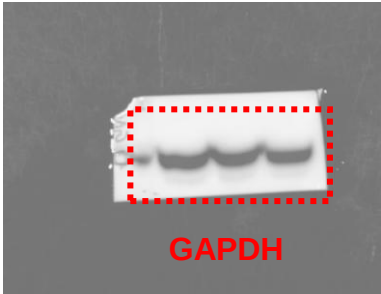
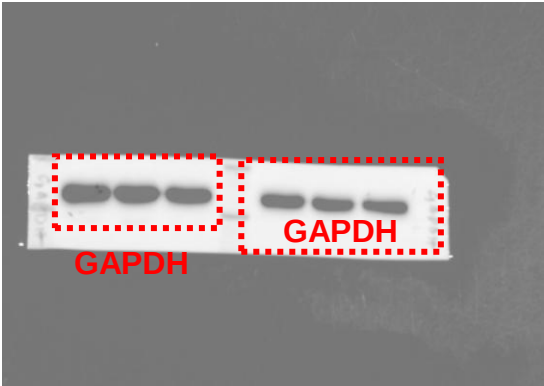
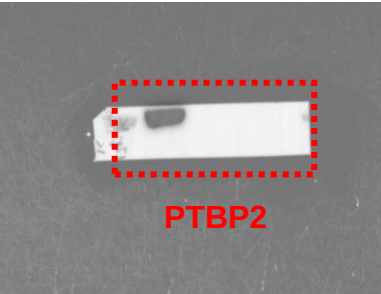
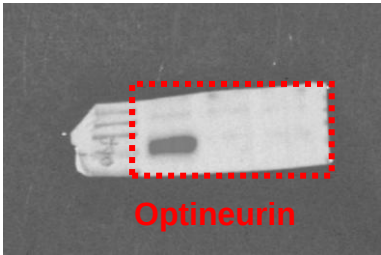
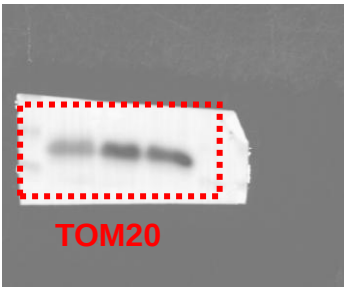
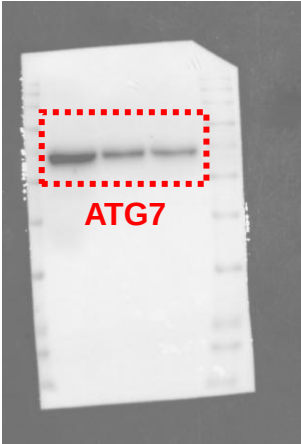
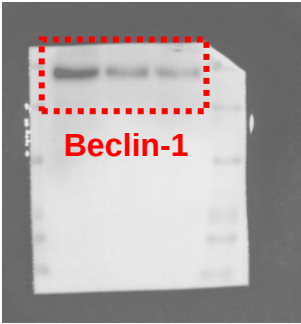
Figure 5

5A

KCL22



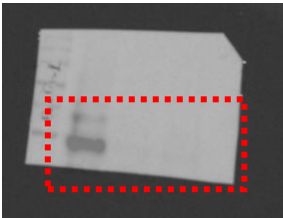
Ptbp2 sg RNA - + +



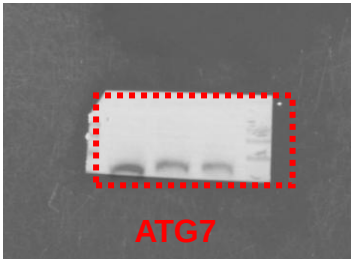
Ptbp2 sg RNA - + + - + +

Ptbp2 sg RNA - + +

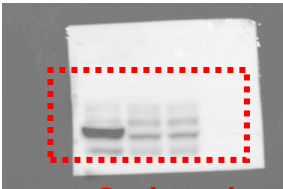
5A



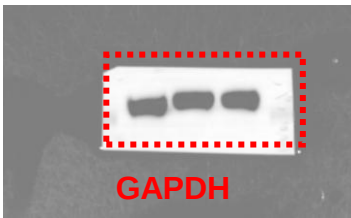
Beclin-1



ATG7



Optineurin

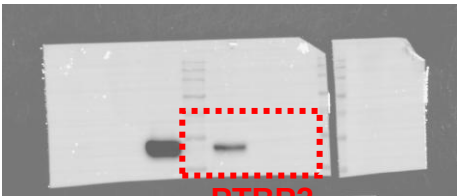


GAPDH

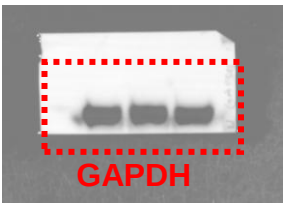
Ptbp2 sg RNA - + +



TOM20

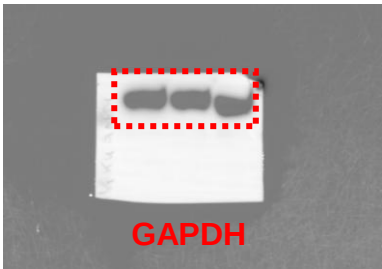


PTBP2



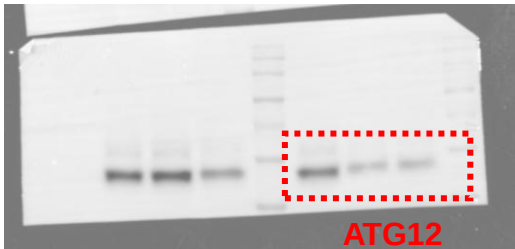
GAPDH

Ptbp2 sg RNA - + +

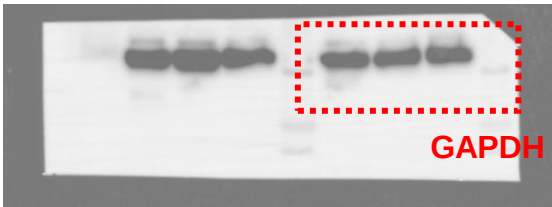


GAPDH

Ptbp2 sg RNA - + +



ATG12

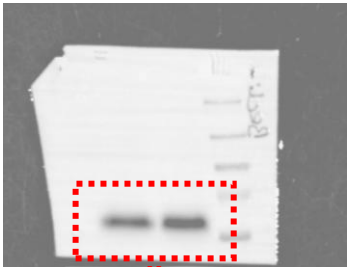


GAPDH

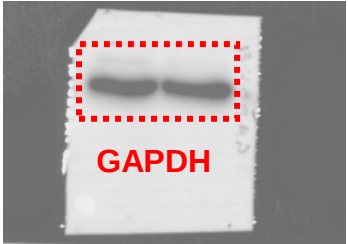
Ptbp2 sg RNA - + +

5B

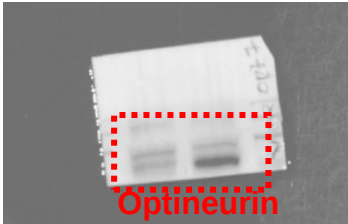
LAMA84



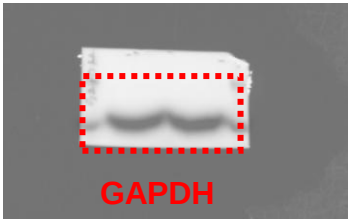
Beclin-1



GAPDH

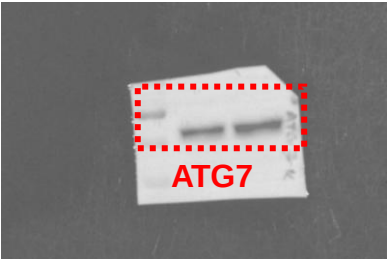


Optineurin

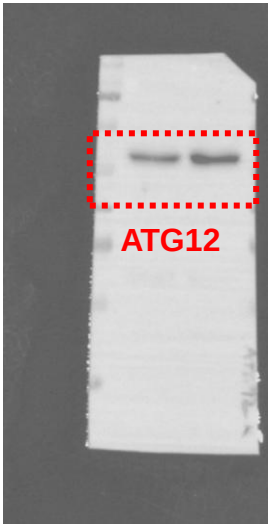


GAPDH

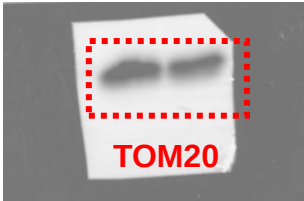
pLOC Ptbp2    -    +



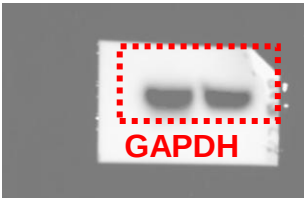
ATG7



ATG12

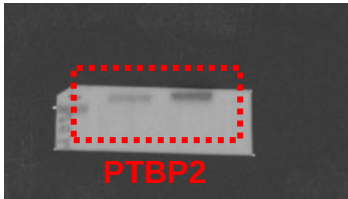


TOM20

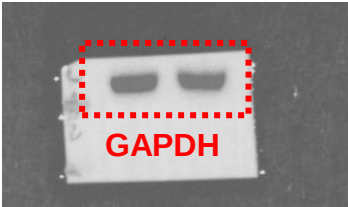


GAPDH

pLOC Ptbp2    -    +

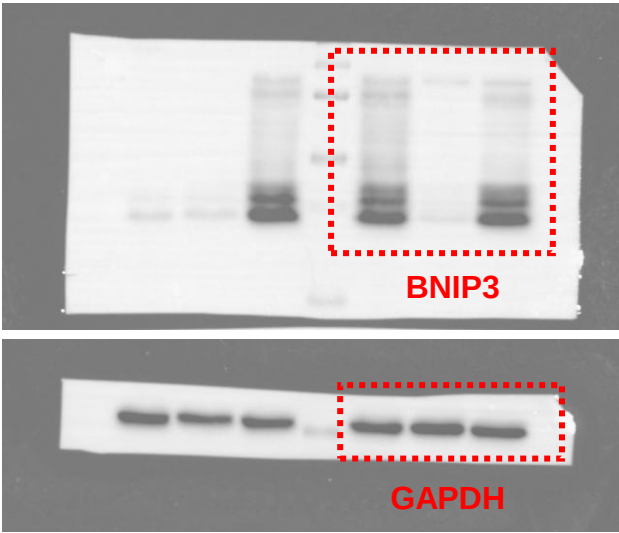


PTBP2

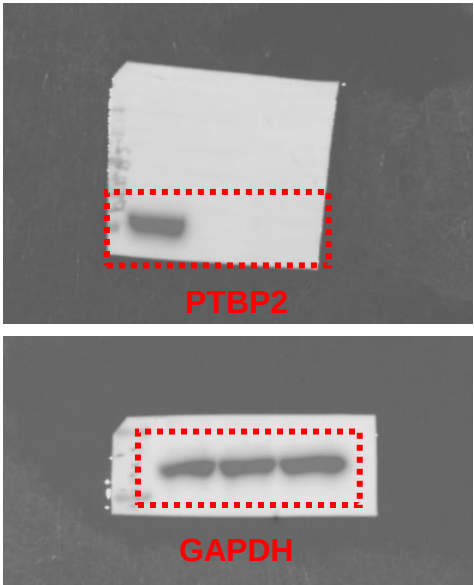


GAPDH

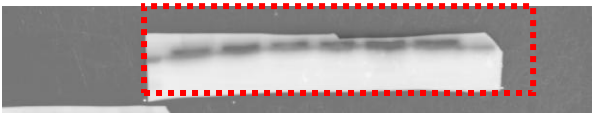
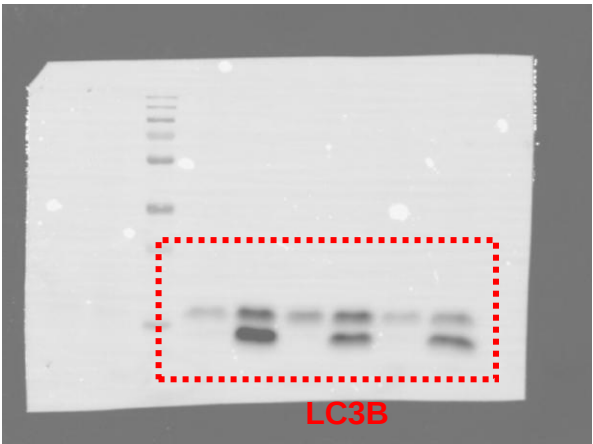
pLOC Ptbp2    -    +



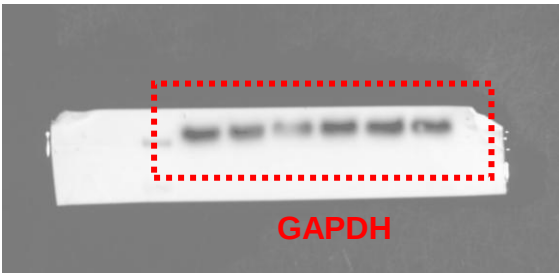
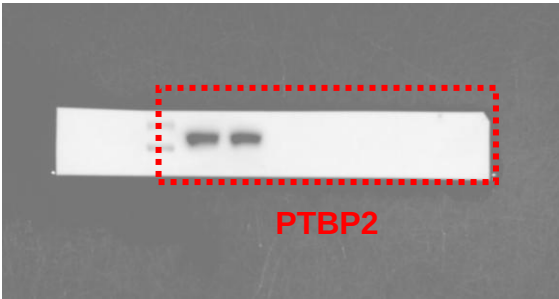
|              |   |   |   |
|--------------|---|---|---|
| Ptpb2 sg RNA | - | + | + |
| pCHMWS Bnip3 | - | - | + |



|              |   |   |   |
|--------------|---|---|---|
| Ptpb2 sg RNA | - | + | + |
| pCHMWS Bnip3 | - | - | + |

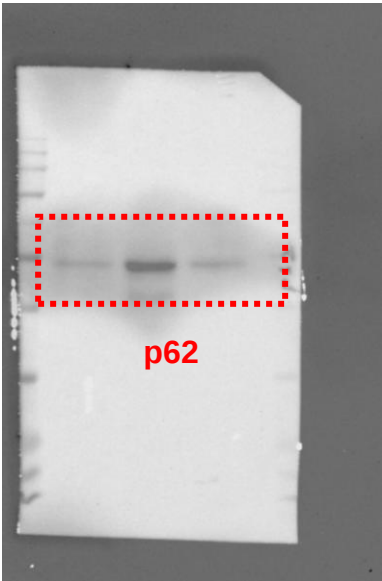


|                        |       |   |   |   |   |   |
|------------------------|-------|---|---|---|---|---|
|                        | GAPDH |   |   |   |   |   |
| Ptbp2 sg RNA           | -     | - | + | + | + | + |
| pCHMWS Bnip3           | -     | - | - | - | + | + |
| Bafilomycin A1 (200nM) | -     | + | - | + | - | + |

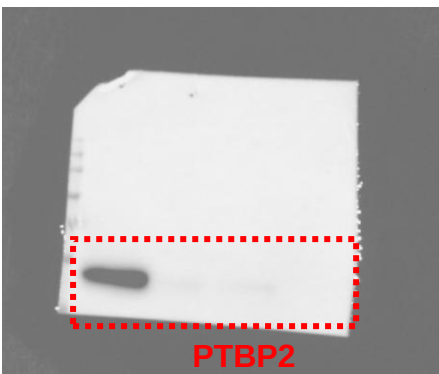


|                        |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|
| Ptbp2 sg RNA           | - | - | + | + | + | + |
| pCHMWS Bnip3           | - | - | - | - | + | + |
| Bafilomycin A1 (200nM) | - | + | - | + | - | + |

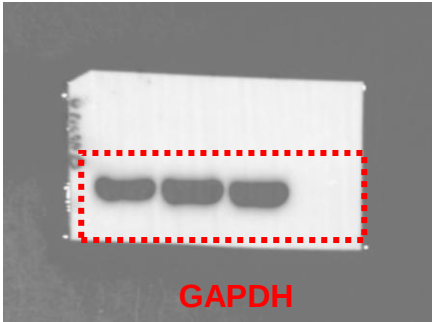
5G



p62

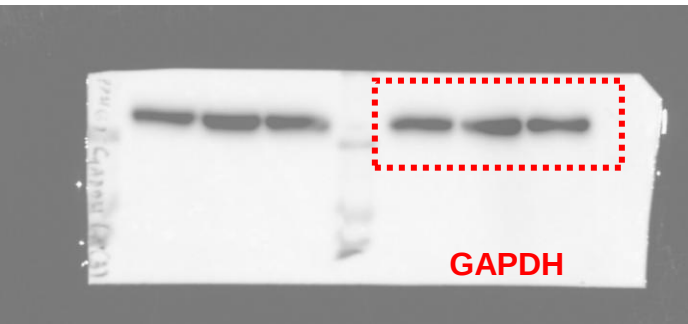


PTBP2



GAPDH

|              |   |   |   |
|--------------|---|---|---|
| Ptbp2 sg RNA | - | + | + |
| pCHMWS Bnip3 | - | - | + |

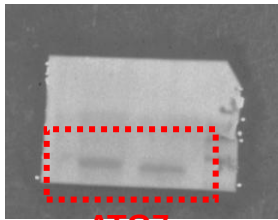
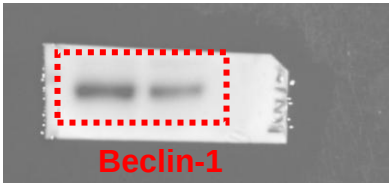
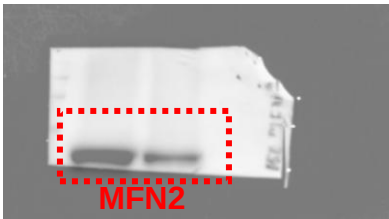


GAPDH

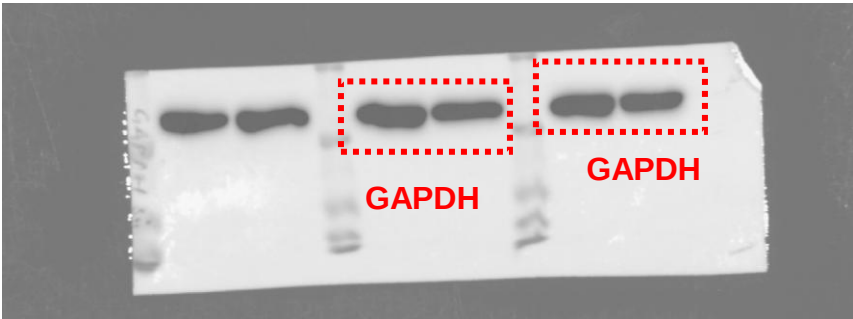
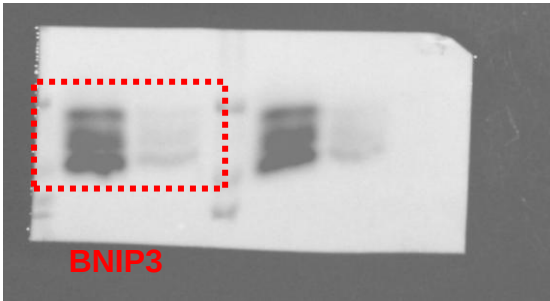
|              |   |   |   |
|--------------|---|---|---|
| Ptbp2 sg RNA | - | + | + |
| pCHMWS Bnip3 | - | - | + |

5H

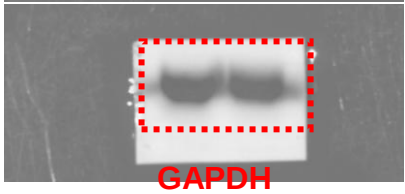
KCL22



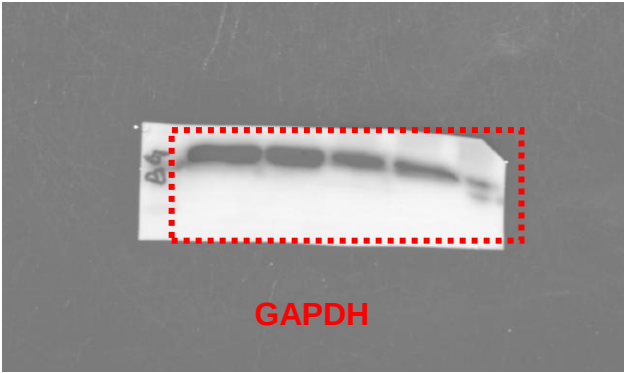
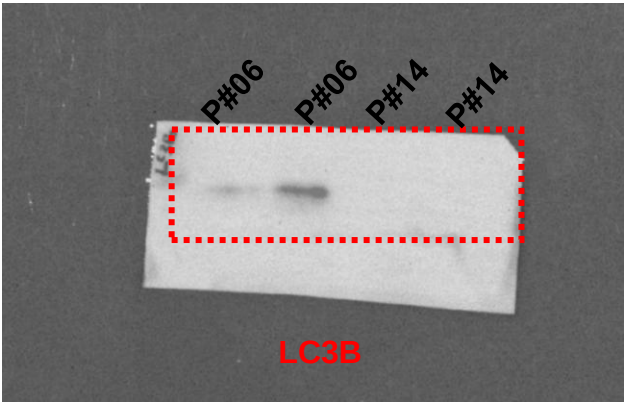
|          |   |   |
|----------|---|---|
| si NTC   | + | - |
| si Bnip3 | - | + |



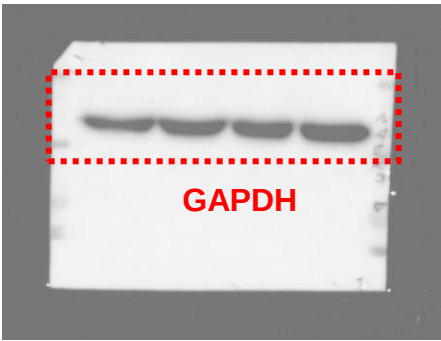
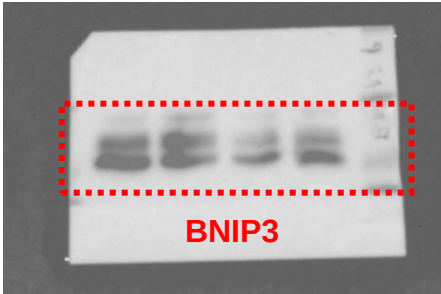
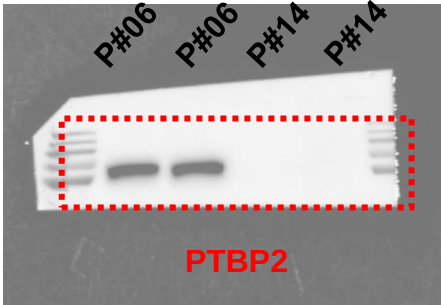
|          |   |   |          |   |   |
|----------|---|---|----------|---|---|
| si NTC   | + | - | Si NTC   | + | - |
| si Bnip3 | - | + | si Bnip3 | - | + |



|          |   |   |
|----------|---|---|
| si NTC   | + | - |
| si Bnip3 | - | + |



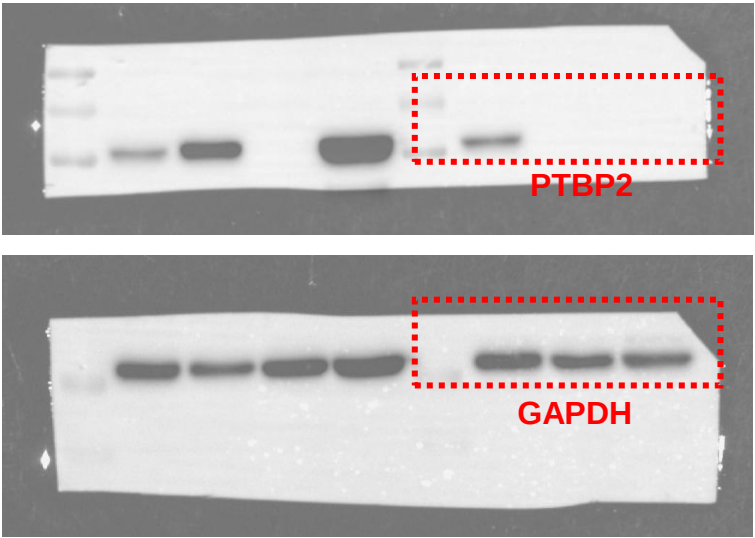
Bafilomycin A1 - + - +  
(200nM)



Bafilomycin A1 - + - +  
(200nM)

Supplementary figure 1

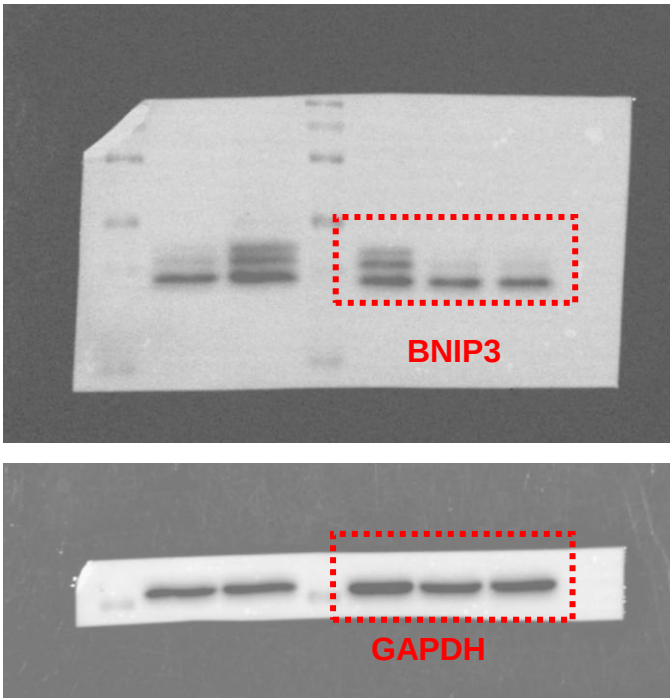
1B



Ptbp2 sg RNA - + +

Supplementary figure 2

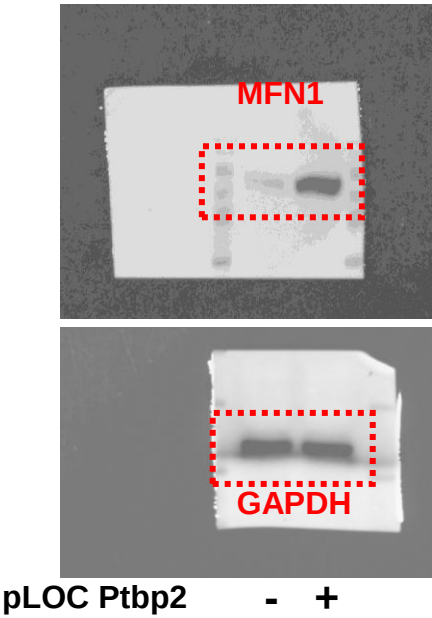
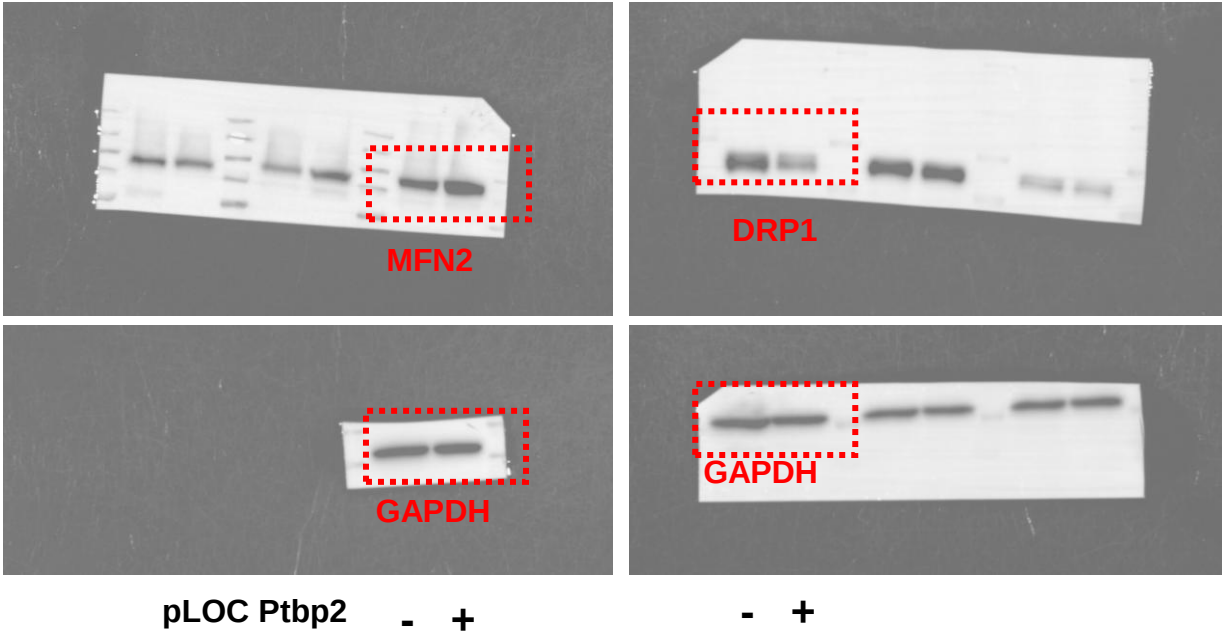
2B



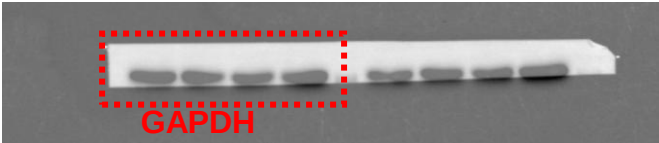
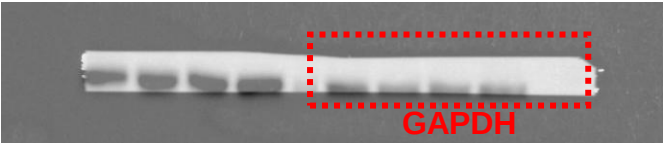
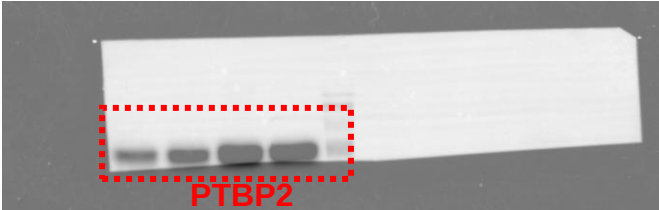
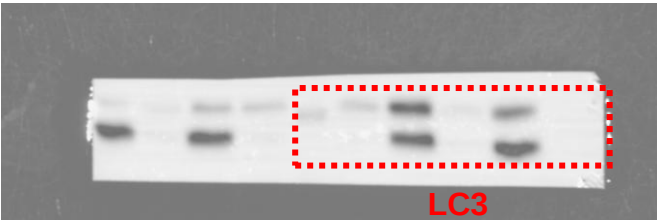
Ptp2 sg RNA    -    +    +

Supplementary figure 4

4B



5B



|                |   |   |   |   |
|----------------|---|---|---|---|
| pLOC Ptbp2     | - | - | + | + |
| Bafilomycin A1 | - | + | - | + |

|                |   |   |   |   |
|----------------|---|---|---|---|
| pLOC Ptbp2     | - | - | + | + |
| Bafilomycin A1 | - | + | - | + |